

Cell Model Project

30 points

Objective

To review cellular organelles and their functions, you are going to work with a partner to create a model of a plant or animals cell displaying the correct appearance and location of 10 different organelles/structures. You also need to **label** each and **explain** its function.

Grading

You will be graded in the following areas:

- Accuracy (20 pts)
 - Are each of the organelles found below accurately labeled and correctly placed in the model?
 - Is the function of each of the organelles accurately explained?
- Appearance and Creativity (10 pts)
 - Is the model neatly done?
 - Does the model creatively make use of materials?

If making an animal cell:

1. Nucleus
2. Cytoplasm
3. Cell membrane
4. Vacuoles, Vesicles, and Lysosomes
5. Cytoskeleton
6. Centrioles
7. Ribosomes
8. Rough AND smooth Endoplasmic reticulum
9. Golgi apparatus
10. Mitochondria

If making a plant cell:

1. Nucleus
2. Cytoplasm
3. Cell membrane AND cell wall
4. Central Vacuole and vesicles
5. Cytoskeleton
6. Chloroplasts
7. Ribosomes
8. Rough AND smooth Endoplasmic reticulum
9. Golgi apparatus
10. Mitochondria